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These search terms have been highlighted: intraperitoneal injection

# Intraperitoneal injection

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(Redirected from Intraperitoneal)

Intraperitoneal injection or IP injection is the injection of a substance into the peritoneum (body cavity). IP injection is more often applied to animals than humans. It is generally preferred when large amounts of blood replacement fluids are needed, or when low blood pressure or other problems prevent the use of a suitable blood vessel for intravenous injection.

In animals, IP injection is predominantly used in veterinary medicine and animal testing for the administration of systemic drugs and fluids due to the ease of administration compared with other parenteral methods.

In humans, the method is widely used to administer chemotherapy drugs to treat some cancers, particularly ovarian cancer. This specific use has been recommended, controversially, as a standard of care.<sup>[1]</sup>

## References

- <sup>^</sup> Swart AM, Burdett S, Ledermann J, Mook P, Parmar MK (April 2008). "Why i.p. therapy cannot yet be considered as a standard of care for the first-line treatment of ovarian cancer: a systematic review (<http://annonc.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=18006894>)". *Ann. Oncol.* 19 (4): 688–95. doi:10.1093/annonc/mdm518 (<http://dx.doi.org/10.1093/annonc/mdm518>). PMID 18006894 (<http://www.ncbi.nlm.nih.gov/pubmed/18006894>).

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